

# Image Project Order File Cover Page

XHVZE

This page identifies those items that were not scanned during the initial production scanning phase. They are available in the original file, may be scanned during a special rescan activity or are viewable by direct inspection of the file.

0007 Order File Identifier

**Organizing** (done)

☒ Two-sided



☐ Rescan Needed



## RESCAN

## DIGITAL DATA

## OVERSIZED (Scannable)

☐ Color Items:

☐ Diskettes, No.

☐ Maps:

☐ Greyscale Items:

☐ Other, No/Type:

☐ Other Items Scannable by a Large Scanner

☐ Poor Quality Originals:

## OVERSIZED (Non-Scannable)

☐ Other:

☐ Logs of various kinds:

## NOTES:

BY: Maria

Date: 4/22/10

/s/

MP

## Project Proofing



BY: Maria

Date: 4/22/10

/s/

MP

## Scanning Preparation

\_\_\_\_\_ x 30 = \_\_\_\_\_ + \_\_\_\_\_ = TOTAL PAGES 24

BY: Maria

Date: 4/22/10

(Count does not include cover sheet)

/s/

MP

## Production Scanning



**Stage 1** Page Count from Scanned File: 25 (Count does include cover sheet)

Page Count Matches Number in Scanning Preparation: ☒ YES ☐ NO

BY: Maria

Date: 4/22/10

/s/

MP

**Stage 1** If NO in stage 1, page(s) discrepancies were found: \_\_\_\_\_ YES \_\_\_\_\_ NO

BY: Maria

Date: \_\_\_\_\_

/s/

Scanning is complete at this point unless rescanning is required.



## ReScanned



BY: Maria

Date: \_\_\_\_\_

/s/

Comments about this file:

Quality Checked



**INDEX OTHER ORDER NO. 7**

1. August 1979      Notice – Amend Regulations 31.05.030(c)
2. July 19, 1985      Notice of Hearing, Affidavit of publication
3. August 26, 1985      Notice of Hearing, Affidavit of publication

**Other Order No. 7**

ORDER AMENDING REGULATIONS OF  
ALASKA OIL AND GAS CONSERVATION COMMISSION

The attached one page of regulations, dealing with Blowout Prevention Equipment are hereby adopted and certified to be a correct copy of the regulations which the Alaska Oil and Gas Conservation Commission amends under authority vested by AS 31.05.030 and after compliance with the Administrative Procedure Act (AS 44.62), specifically including notice under AS 44.62.190 and 44.62.200 and opportunity for public comment under AS 44.62.210.

This action is not expected to require an increased appropriation.

This order takes effect on the 30th day after it has been filed by the lieutenant governor as provided in AS 44.62.180.

DATE: 1/16/81  
Anchorage, Alaska

Hoyle H. Hamilton  
Hoyle H. Hamilton  
Chairman/Commissioner

Lonnie C. Smith  
Lonnie C. Smith  
Commissioner

Harry W. Kugler  
Harry W. Kugler  
Commissioner

I, \_\_\_\_\_, Lieutenant Governor for the State of Alaska, certify that on \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ M., I filed the attached regulations according to the provisions of AS 44.62.040 -- 44.62.120.

\_\_\_\_\_  
Lieutenant Governor

Effective \_\_\_\_\_.)  
Register \_\_\_\_\_.)

The following parts of 20 AAC 25.035. BLOWOUT PREVENTION EQUIPMENT are amended to read as follows:

(c) Blowout Prevention Equipment:

(1) before drilling below the surface casing, and until completed, a well must have remotely controlled BOP's; the working pressure of the BOP's and associated equipment must exceed the maximum potential surface pressure, except that the annular preventer need not have a working pressure rating greater than 5000 psig; the BOP stack arrangements must be as follows:

(A) API 2M, 3M, and 5M stacks must have at least three preventers, including one equipped with pipe rams that fit the size of drill pipe, tubing, or casing being used, one with blind rams, and one annular type;

(B) API 10M and 15M stacks must have at least four preventers, including two equipped with pipe rams with at least one fitting each size of drill pipe, tubing, or casing being used, one with blind rams and one annular type;

(2) information submitted with Form 10-401 must include the maximum downhole pressures which may be encountered, the maximum potential surface pressures, the criteria used to determine these pressures, and a well-control procedure which indicates how the preventers will be used for pressure control operations if the maximum surface pressures should exceed the rated working pressure of the annular preventer;

(5) the BOP equipment must include a drilling spool with side outlets (if not on the blowout preventer body), a minimum three-inch choke line and a minimum two-inch choke manifold, a kill line, and a fillup line; the drilling string must contain full opening valves above and immediately below the kelly during all circulating operations using the kelly, with the necessary valve wrenches conveniently located on the rig floor; and

(6) two emergency valves with rotary subs for all connections in use and the necessary wrenches must be conveniently located on the drilling floor; one valve must be an inside spring-loaded or flow activated type; the second valve must be a manually operated ball type, or equivalent valve. (Eff. 4/13/80, Reg. 74; am 2/22/81, Reg. 77)

Authority: AS 31.05.030

NOTE: Replaces portions of pages 7 and 8 of the Regulations.

Notice Soliciting Written Comments

STATE OF ALASKA  
Alaska Oil and Gas Conservation Commission

NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE  
ALASKA OIL AND GAS CONSERVATION COMMISSION

Notice is given that the Alaska Oil and Gas Conservation Commission, under AS 31.05.030, is soliciting additional comments on its proposal to amend a regulation in Title 20 of the Alaska Administrative Code, dealing with bonding to implement surety conditions for the performance of duties as follows:

20 AAC 25.025(b) is proposed to be amended to require either a single well bond of not less than \$250,000, or a blanket bond of not less than \$500,000, in favor of the Alaska Oil and Gas Conservation Commission.


Notice is also given that any person interested may present statements or arguments relevant to the proposed action by writing to the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, so that they are received no later than ten days after the date of the publication of this notice.

This action is not expected to require an increased appropriation.

Copies of the proposed amendment to 20 AAC 25.025(b) may be obtained from the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192.

The Alaska Oil and Gas Conservation Commission, upon its own motion or at the insistence of any interested person, may, after the deadline stated above, adopt proposals within the scope of this notice without further notice or may decide to take no action on the proposal.

DATE: January 22, 1986

  
\_\_\_\_\_  
Harry W. Kugler, Commissioner

## PROOF OF PUBLICATION

AK Oil & Gas Conservation Comm  
3001 Porcupine Dr.  
ANCHORAGE, AK 99501

LANNA SIMMONS, BEING DULY  
SWORN, ACCORDING TO LAW DECLARES:  
THAT SHE IS THE LEGAL CLERK OF THE  
ANCHORAGE TIMES, A DAILY NEWSPAPER  
PUBLISHED IN THE TOWN OF ANCHORAGE  
IN THE THIRD JUDICIAL DIVISION,  
STATE OF ALASKA, AND THAT THE  
NOTICE OF.....

AO-08-5557

A COPY OF WHICH IS HERETO ATTACHED,  
WAS PUBLISHED IN..... 1 ISSUES  
OF THE ANCHORAGE TIMES.  
BEGINNING ON..... 01/25/86  
ENDING ON..... 01/25/86

THE SIZE OF THIS AD WAS..... 81 LINES

SIGNED.....

*Lanna Simmons*

THE PRICE OF THIS AD IS..... \$ 25.92

THE AD NUMBER IS..... 2272597

SUBSCRIBED AND SWORN  
TO BEFORE ME THIS..... 27 DAY OF Jan, 1986

NOTARY PUBLIC OF THE STATE OF ALASKA

*Lutricia A. Jensen*

MY COMMISSION EXPIRES.....

5-1-86

Notice of Soliciting Written  
Comments  
STATE OF ALASKA  
Alaska Oil and Gas  
Conservation Commission  
NOTICE OF PROPOSED  
CHANGES IN THE  
REGULATIONS OF THE  
ALASKA OIL AND GAS  
CONSERVATION  
COMMISSION

Notice is given that the  
Alaska Oil and Gas Conserva-  
tion Commission, under AS  
31.05.030, is soliciting additional  
comments on its proposal to  
amend a regulation in Title 20 of  
the Alaska Administrative  
Code, dealing with bonding to  
implement surety conditions for  
the performance of duties as fol-  
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20 AAC 25.025(b) is pro-  
posed to be amended to re-  
quire either a single well  
bond of not less than  
\$250,000, or a blanket bond  
of not less than \$500,000, in  
favor of the Alaska Oil and  
Gas Conservation Commis-  
sion.

Notice is also given that any  
person interested may present  
statements or arguments rele-  
vant to the proposed action by  
writing to the Alaska Oil and  
Gas Conservation Commission,  
3001 Porcupine Drive, Anchorage,  
Alaska 99501-3192, so that  
they are received no later than  
ten days after the date of publi-  
cation of this notice.

This action is not expected to  
require an increased appropria-  
tion.

Copies of the proposed  
amendment to 20 AAC 25.025(b)  
may be obtained from the  
Alaska Oil and Gas Conserva-  
tion Commission, 3001 Porcu-  
pine Drive, Anchorage, Alaska  
99501-3192.

The Alaska Oil and Gas Con-  
servation Commission, upon its  
own motion or at the insistence  
of any interested person, may,  
after the deadline stated above,  
adopt proposals within the  
scope of this notice without fur-  
ther notice or may decide to  
take no action on the proposal.

DATE: January 22, 1986

Harry W. Kugler  
Commissioner

PO: AO-08-5557

Pub: January 25, 1986

RECEIVED

JAN 29 1986

Alaska Oil & Gas Cons. Commission  
Anchorage

#3

STATE OF ALASKA  
Alaska Oil and Gas Conservation Commission  
3001 Porcupine Drive  
Anchorage, Alaska 99501-3192

CF212

NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE  
ALASKA OIL AND GAS CONSERVATION COMMISSION

Notice is given that the Alaska Oil and Gas Conservation Commission, under authority vested by AS 31.05.030, proposes to adopt and amend regulations in Title 20 of the Alaska Administrative Code, dealing with the establishment of an underground injection control program for Class II wells in Alaska. These regulations implement, interpret, and make specific AS 31.05.030, including:

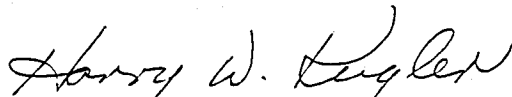
20 AAC 25.260, Illegal Production, is proposed to be amended to ensure pipeline severance as an enforcement option for failure to comply with the regulations or orders of the Commission;

20 AAC 25.420 is proposed to be adopted to require notice of the commencement and discontinuance of injection operations.

Notice is also given that any person interested may present written statements or arguments relevant to the proposed action by writing to the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, so that they are received no later than September 16, 1985. This action is not expected to require an increased appropriation.

The Alaska Oil and Gas Conservation Commission upon its own motion or at the instance of any interested person, may, after the deadline stated above, adopt proposals within the scope of this notice without further notice or may decide to take no action on them.

Date: August 21, 1985

  
\_\_\_\_\_  
Harry W. Kugler, Commissioner  
Alaska Oil and Gas Conservation Commission



## PROOF OF PUBLICATION

AK OIL & GAS CONSERVATION COMM  
3001 PORCUPINE DR.  
ANCHORAGE, AK 99501

VALERIE MARTIN, BEING DULY  
SWORN, ACCORDING TO LAW DECLARES:  
THAT SHE IS THE LEGAL CLERK OF THE  
ANCHORAGE TIMES, A DAILY NEWSPAPER  
PUBLISHED IN THE TOWN OF ANCHORAGE  
IN THE THIRD JUDICIAL DIVISION,  
STATE OF ALASKA, AND THAT THE  
NOTICE OF.....

PO:AO-08 5552

A COPY OF WHICH IS HERETO ATTACHED,  
WAS PUBLISHED IN.....  
OF THE ANCHORAGE TIMES.  
BEGINNING ON.....  
ENDING ON.....

1 ISSUES

08/26/85

08/26/85

THE SIZE OF THIS AD WAS.....

72 LINES

SIGNED.....

Valerie Martin

THE PRICE OF THIS AD IS..... \$ 21.60

THE AD NUMBER IS..... 2180751

SUBSCRIBED AND SWORN

TO BEFORE ME THIS..... 27 DAY OF AUG, 1985

NOTARY PUBLIC OF THE STATE OF ALASKA

Leticia A. Sherbo

MY COMMISSION EXPIRES.....

5-1-86

STATE OF ALASKA  
Alaska Oil and Gas  
Conservation Commission  
3001 Porcupine Drive  
Anchorage, Alaska 99501-3192

**NOTICE OF PROPOSED  
CHANGES IN THE  
REGULATIONS OF THE  
ALASKA OIL AND GAS  
CONSERVATION  
COMMISSION**

Notice is given that the Alaska Oil and Gas Conservation Commission, under authority vested by AS 31.05.030, proposed to adopt and amend regulations in Title 20 of the Alaska Administrative Code, dealing with the establishment of an underground injection control program for Class II wells in Alaska. These regulations implement, interpret, and make specific AS 31.05.030, including:

20 AAC 25.260, Illegal Production, is proposed to be amended to ensure pipeline severance as an enforcement option for failure to comply with the regulations or orders of the Commission.

20 AAC 25.420 is proposed to be adopted to require notice of the commencement and discontinuance of injection operations.

Notice is also given that any person interested may present written statements or arguments relevant to the proposed action by writing to the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, so that they are received no later than September 16, 1985. This action is not expected to require an increased appropriation.

The Alaska Oil and Gas Conservation Commission upon its own motion or at the instance of any inter-

ested person, may, after the deadline stated above, adopt proposals within the scope of this notice without further notice or may decide to take no action on them.

Harry W. Kusler,  
Commissioner, Alaska Oil and Gas Commission

Date: August 21, 1985

PO: AO-08 5552

Pub: August 26, 1985

RECEIVED

AUG 29 1985

Alaska Oil & Gas Cons. Commission  
Anchorage

#2

## Notice of Public Hearing

### STATE OF ALASKA Alaska Oil and Gas Conservation Commission

CF 212

NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE ALASKA OIL AND GAS CONSERVATION COMMISSION AND OF THE APPLICATION OF THE STATE OF ALASKA, UNDER SECTION 1425 OF THE SAFE DRINKING WATER ACT, FOR ENVIRONMENTAL PROTECTION AGENCY APPROVAL OF A STATE UNDERGROUND INJECTION CONTROL PROGRAM FOR CLASS II WELLS.

Notice is given that the Alaska Oil and Gas Conservation Commission, under authority vested by AS 31.05.030, proposes to adopt, amend, and repeal regulations in Title 20 of the Alaska Administrative Code, dealing with (1) the establishment of an underground injection control program for Class II wells in Alaska and (2) oil and gas conservation in general, including well drilling; the abandonment and plugging of wells; production practices; reporting requirements; fire hazards and the conduct of operations in a workmanlike manner, open pit oil storage; tests, surveys, and remedial measures; the submission of geologic data and logs; hearing procedures; subpoenas; and pool plan for development and integration. These regulations implement, interpret, and make specific AS 31.05.017, AS 31.05.020, AS 31.05.023, AS 31.05.026, AS 31.05.027, AS 31.05.030, AS 31.05.035, AS 31.05.060, AS 31.05.070, AS 31.05.090, AS 31.05.100, and AS 31.05.110, as follows:

- (1) 20 AAC 25.005, Permit to Drill, is proposed to be amended to change the requirements for a permit application.

20 AAC 25.010, Re-entry is proposed to be repealed and readopted to address re-entry requirements for suspended wells.

20 AAC 25.015, Changes to Drilling Permit, is proposed to be amended to modify the requirements for filing applications for changes in approved well operations.

20 AAC 25.020, Change of Operator, is proposed to be amended to establish requirements for the designation of an operator.

20 AAC 25.022, Change of Ownership, is proposed as a new section. It requires notification of the commission when a change of ownership occurs for property upon which operations subject to 20 AAC 25 are conducted.

20 AAC 25.025, Bonding, is proposed to be amended to change the requirements for well bonds.

20 AAC 25.030, Casing and Cementing, is proposed to be repealed and readopted. Although the new section deals with the same subject matter, casing and cementing programs, the requirements are substantially modified.

20 AAC 25.033, Primary Well Control, is proposed as a new section. It establishes requirements for drilling fluid programs and drilling fluid surface systems.

20 AAC 25.035, Blowout Prevention Equipment, is proposed to be repealed and readopted. Although the new section deals with the same subject matter, secondary well control requirements, these requirements are substantially modified and expanded.

20 AAC 25.040 is proposed to be amended to change the requirements for well signs.

20 AAC 25.047 is proposed as a new section. It will establish standards for reserve pits.

20 AAC 25.050, Deviation, is proposed to be amended to modify the requirements for well deviation surveys submitted to the commission.

20 AAC 25.055, Well Spacing, is proposed to be amended to define a drilling unit and add new subsections on re-entry of a well and voluntary pooling.

20 AAC 25.061 is proposed to be repealed and readopted to expand the requirements for well site surveys.

20 AAC 25.065 is proposed to be amended to expand the requirements governing hydrogen sulfide gas.

20 AAC 25.070 is proposed to be amended to expand the requirements for records and reports and to delete the definition of suspended wells.

20 AAC 25.072 is proposed as a new section. It provides for the shutting down of well operations for seasonal or other considerations.

20 AAC 25.105, Abandonment and Plugging Requirements and Notices, is proposed to be repealed and readopted. Although the new section deals with the same subject matter, plugging and abandonment of wells, applicable standards and notice requirements are substantially modified.

20 AAC 25.110 is proposed as a new section. It establishes standards for the suspension of wells.

20 AAC 25.120 is proposed to be amended to modify the requirements for well abandonment markers.

20 AAC 25.140 is proposed to be amended to modify slightly the applicable requirements for converting a well drilled for oil and gas to a water well.

20 AAC 25.170, Location Cleanup, is proposed to be amended to limit this section to onshore wells and to modify slightly the applicable requirements.

20 AAC 25.172 is proposed as a new section. It establishes standards for the cleanup of offshore well locations after drilling operations cease.

20 AAC 25.200 is proposed to be amended to modify existing requirements for production equipment.

20 AAC 25.205 is proposed to be amended to clarify the applicability of requirements for reporting accidental losses of oil or gas.

20 AAC 25.210 is proposed to be amended to modify existing requirements regarding evidence of complete separation of flow streams.

20 AAC 25.215 is proposed to be amended to modify existing requirements governing commingling of production.

20 AAC 25.225 is proposed to be amended to change the time when the potential of gas wells must be determined.

20 AAC 25.228 is proposed as a new section. It establishes requirements for hydrocarbon measurement equipment.

20 AAC 25.230 is proposed to be repealed and readopted to modify existing requirements for the measurement of hydrocarbon production.

20 AAC 25.235 is proposed to be amended to clarify what is permissible gas utilization.

20 AAC 25.240 is proposed to be amended to change the gas-oil ratio limitation.

20 AAC 25.245 is proposed to be amended to require that production from each well producing into a common production facility may be accurately determined at least once each month.

20 AAC 25.252 is proposed as a new section. It regulates the underground disposal of water and other oil field waste fluids and the underground storage of liquid hydrocarbons.

20 AAC 25.265 is proposed to be amended to modify existing requirements for automatic shut-in equipment.

20 AAC 25.270 is proposed to be amended to change the time when initial reservoir pressure must be determined.

20 AAC 25.275 is proposed as a new section. It establishes requirements for sampling and reporting the properties of reservoir fluids.

20 AAC 25.280 is proposed as a new section. It establishes requirements for approval to enter and conduct operations in a producible or injection well.

20 AAC 25.285 is proposed as a new section. It governs blowout prevention equipment for workover operations.

20 AAC 25.300, Request for Additional Information, is proposed to be amended to make clear that the commission may request additional information to enable the commission to protect correlative rights. It also extends coverage of this section to injection operations.

20 AAC 25.310 is proposed to be amended to limit existing requirements for books and records.

20 AAC 25.320 is proposed to be amended to change the titles of existing required forms which are being revised and to add new forms.

20 AAC 25.402 is proposed as a new section. It regulates enhanced recovery operations involving the introduction of outside energy into an oil or gas pool by injection for certain purposes.

20 AAC 25.412 is proposed as a new section. It establishes standards for the casing, cementing, and tubing of Class II underground injection wells.

a workmanlike manner and to extend the coverage of fire standards.

20 AAC 25.528 is proposed as a new section. It prohibits the storage of oil in open pits.

20 AAC 25.530 is proposed to be amended to extend the scope of cooperative arrangements to include activities relating to underground fluid injection.

20 AAC 25.534 is proposed as a new section. It requires additional tests, surveys, and remedial measures under certain circumstances.

20 AAC 25.536, Geologic Data and Logs, is proposed to be amended to expand and clarify the submission requirements applicable to completed, suspended, and abandoned wells.

20 AAC 25.537, Public and Confidential Well Information, is proposed to be amended to implement AS 31.05.170(13), defining regular production; specify that injection data and reports are public information; and add a new subsection on the sharing of underground injection well information with the U.S. Environmental Protection Agency.

20 AAC 25.540 is proposed to be amended to modify and clarify existing hearing procedures.

20 AAC 25.557, Subpoenas, is proposed to be amended to incorporate minor housekeeping changes.

20 AAC 25.570, Definitions, is proposed to be repealed and readopted to modify the definitions of day, development well, drilling fluid, drilling unit, exploratory well, gas-oil ratio, gas well, oil well, operator, potential, and stratigraphic test; to add definitions of abandoned well, abandonment operations, abnormally geo-pressured strata, actual drilling operations, API RP, BOPE, completed well, completion operations, fluid, freshwater, injection, property, spud date, suspended well, suspension operations, well abandonment data, well completion data, and well suspension date; and to repeal the definition of condensate.

(2) 20 AAC 25.045, Sealing Off Strata, is repealed.

20 AAC 25.250, Disposal of Salt Water and Other Wastes, is repealed.

20 AAC 25.430, Records and Reports, is proposed to be amended to modify requirements for the keeping of records for enhanced recovery operations.

20 AAC 25.432 is proposed as a new section. It requires the submission of reports of subsurface injection operations.

20 AAC 25.440 is proposed as a new section. It provides for the exemption of certain aquifers from the standards established by the Alaska underground injection control program.

20 AAC 25.450 is proposed as a new section. It provides for the issuance of variances from the generalized standards established for underground injection wells.

20 AAC 25.460 is proposed as a new section. It governs the issuance of permits for the underground injection of fluids on an area basis, rather than on an individual well basis.

20 AAC 25.505 is proposed to be amended to clarify the scope of the commission's regulations.

20 AAC 25.507 is proposed as a new section. It requires notice of proposed changes in any program approved by the commission.

20 AAC 25.510 is proposed to be amended to update the commission's address.

20 AAC 25.515, U.S. Government Leases, is proposed to be amended to clarify the applicability of the regulations of the commission to Class II well operations on federal land.

20 AAC 25.517 is proposed as a new section. It provides for the submission of a plan of development and operation to the commission and requires pool interests integration before regular production.

20 AAC 25.520 is proposed to be amended to clarify the procedures for the classification of fields and pools.

20 AAC 25.525 is proposed to be amended to incorporate editorial changes only.

20 AAC 25.526, Fire Hazards, is proposed to be amended to require that oil and gas operations be conducted in



20 AAC 25.255, Equitable Distribution of Production, is repealed.

20 AAC 25.400, Application for Additional Recovery, is repealed.

20 AAC 25.410, Injection Wells, is repealed.

20 AAC 25.538, Naming of Fields and Pools, is repealed.

20 AAC 25.555, Orders, is repealed.

Editorial changes are made throughout the regulations proposed for amendment. In addition, changes in sections 20, 25, 30, 105, 300, 430, 515, 526, 530, 537, and 570 and the addition of sections 22, 47, 252, 402, 412, 420, 432, 440, 450, 460, 507, 528 and 534 are proposed to enable the State of Alaska to obtain primary responsibility from the federal government for the regulation of Class II injection wells under § 1425 of the federal Safe Drinking Water Act. Class II injection wells are associated with oil and gas production and are used for purposes such as salt water disposal, enhanced recovery of crude oil and natural gas, and storage of hydrocarbons which are liquid at standard temperature and pressure.

Notice is also given that the commission, under AS 31.05.030(h), is submitting an application to the U.S. EPA to obtain primary enforcement responsibility for the control of Class II injection wells within the State of Alaska, as described above.

Any person interested may present oral or written statements or argument relevant to the proposed action at a hearing to be held in the Municipal Assembly Chambers, 3500 Tudor Road, Anchorage, Alaska at 9 o'clock a.m., on August 7, 1985. In addition, written statements or arguments may be sent to the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, to be received no later than the close of business on August 7, 1985.

The proposed changes in the Commission's regulations are not expected to require an increased appropriation.

Copies of the proposed regulations may be obtained from the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, phone (907) 279-1433. A copy of the Commission's application for primacy for Class II injection wells may be inspected at the above address.

The Alaska Oil and Gas Conservation Commission, upon its own motion or at the instance of any interested person, may at the hearing or after it adopt proposals within the scope of

the notice without further notice or may decide to take no action on them.

DATE: July 16, 1985

Harry W. Kugler  
Harry W. Kugler, Commissioner  
Alaska Oil and Gas  
Conservation Commission

## PROOF OF PUBLICATION

AK OIL & GAS CONSV. COMM.  
3001 PORCUPINE DR.  
ANCHORAGE, AK 99501

LANNA SIMMONS, BEING DULY  
SWORN, ACCORDING TO LAW DECLARES:  
THAT SHE IS THE LEGAL CLERK OF THE  
ANCHORAGE TIMES, A DAILY NEWSPAPER  
PUBLISHED IN THE TOWN OF ANCHORAGE  
IN THE THIRD JUDICIAL DIVISION,  
STATE OF ALASKA, AND THAT THE  
NOTICE OF.....

AO-08 5549

A COPY OF WHICH IS HERETO ATTACHED,  
WAS PUBLISHED IN.....  
OF THE ANCHORAGE TIMES.  
BEGINNING ON.....  
ENDING ON.....

1 ISSUES

07/19/85

07/19/85

THE SIZE OF THIS AD WAS..... 672 LINES

SIGNED.....

*Lanna Simmons*

THE PRICE OF THIS AD IS..... \$ 201.60

THE AD NUMBER IS..... 286338

RECEIVED

JUL 29 1985

SUBSCRIBED AND SWORN  
TO BEFORE ME THIS.....

Alaska Oil & Gas Cons. Commission  
24 DAY Anchorage, 1985

NOTARY PUBLIC OF THE STATE OF ALASKA

*Jane Koehler*

MY COMMISSION EXPIRES.....

*10-17-88*

NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE ALASKA OIL AND GAS  
CONSERVATION COMMISSION AND OF THE APPLICATION OF THE STATE OF ALASKA,  
UNDER SECTION 1425 OF THE SAFE DRINKING WATER ACT, FOR ENVIRONMENTAL  
PROTECTION AGENCY APPROVAL OF A STATE UNDERGROUND INJECTION CONTROL  
PROGRAM FOR CLASS II WELLS

Notice is given that the Alaska Oil and Gas Conservation Commission, under authority vested by AS 31.05.030, proposes to adopt, amend, and repeal regulations in Title 20 of the Alaska Administrative Code, dealing with (1) the establishment of an underground injection control program for Class II wells in Alaska and (2) oil and gas conservation in general, including well drilling; the abandonment and plugging of wells; production practices; reporting requirements; fire hazards and remedial measures; the submission of geologic data and logs; hearing procedures; subpoenas; and pool plan for development and interpretation. These regulations implement, interpret, and make specific AS 31.05.017, AS 31.05.019, AS 31.05.020, AS 31.05.023, AS 31.05.026, AS 31.05.027, AS 31.05.030, AS 31.05.035, AS 31.05.040, AS 31.05.070, AS 31.05.070, AS 31.05.070, AS 31.05.100, and AS 31.05.110, as follows:

- (1) 20 AAC 25.005, Permit to Drill, is proposed to be amended to change the requirements for a permit application.  
20 AAC 25.010, Re-entry is proposed to be repealed and readopted to address re-entry requirements for suspended wells.  
20 AAC 25.015, Changes to Drilling Permit, is proposed to be amended to modify the requirements for filing applications for changes in approved well operations.  
20 AAC 25.020, Change of Operator, is proposed to be amended to establish requirements for the designation of an Operator.  
20 AAC 25.022, Change of Ownership, is proposed as a new section. It requires notification of the commission when a change of ownership occurs for property upon which operations subject to 20 AAC 25 are conducted.  
20 AAC 25.025, Bonding, is proposed to be amended to change the requirements for well bonds.  
20 AAC 25.030, Casing and Cementing, is proposed to be repealed and readopted. Although the new section deals with the same subject matter, casing and cementing programs, the requirements are substantially modified.  
20 AAC 25.033, Primary Well Control, is proposed as a new section. It establishes requirements for drilling fluid programs and drilling fluid surface systems.  
20 AAC 25.035, Blowout Prevention Equipment, is proposed to be repealed and readopted. Although the new section deals with the same subject matter, secondary well control requirements, these requirements are substantially modified and expanded.  
20 AAC 25.040 is proposed to be amended to change the requirements for well signs.  
20 AAC 25.047 is proposed as a new section. It will establish standards for reserve pits.  
20 AAC 25.050, Deviation, is proposed to be amended to modify the requirements for well deviation surveys submitted to the commission.  
20 AAC 25.055, Well Spacing, is proposed to be amended to define a drilling unit and add new subsections on re-entry of a well and voluntary pooling.  
20 AAC 25.061 is proposed to be repealed and readopted to expand the requirements for well site surveys.  
20 AAC 25.065 is proposed to be amended to expand the requirements governing hydrogen sulfide gas.  
20 AAC 25.070 is proposed to be amended to expand requirements for records and reports and to delete the definition of suspended wells.  
20 AAC 25.072 is proposed as a new section. It provides for the shutting down of well operations for seasonal or other considerations.  
20 AAC 25.105, Abandonment and Plugging Requirements and Notices, is proposed to be repealed and readopted. Although the new section deals with the same subject matter, substantially modified.  
20 AAC 25.110 is proposed as a new section. It establishes standards for the suspension of wells.  
20 AAC 25.120 is proposed to be amended to modify the requirements for well abandonment markers.  
20 AAC 25.140 is proposed to be amended to modify slightly the applicable requirements for converting a well drilled for oil and gas to a water well.  
20 AAC 25.170, Location Cleanup, is proposed to be amended to limit this section to on-shore wells and to modify slightly the applicable requirements.  
20 AAC 25.172, is proposed as a new section. It establishes standards for the cleanup of offshore well locations after drilling operations cease.  
20 AAC 25.200 is proposed to be amended to modify existing requirements for production equipment.  
20 AAC 25.205 is proposed to be amended to clarify the applicability requirements for reporting accidental losses of oil or gas.  
20 AAC 25.210 is proposed to be amended to modify existing requirements regarding evidence of complete separation of flow streams.  
20 AAC 25.215 is proposed to be amended to modify existing requirements governing commingling of production.  
20 AAC 25.225 is proposed to amend to change the time when the potential of gas wells must be determined.  
20 AAC 25.228 is proposed as a new section. It establishes requirements for hydrocarbon measurement equipment.  
20 AAC 25.230 is proposed to be repealed and readopted to modify existing requirements for the measurement of hydrocarbon production.  
20 AAC 25.235 is proposed to be amended to clarify what is permissible gas utilization.  
20 AAC 25.240 is proposed to be amended to change the gas-oil ratio limitation.  
20 AAC 25.245 is proposed to be amended to require that production from each well producing into a common production facility may be accurately determined at least once each month.  
20 AAC 25.252 is proposed as a new section. It regulates the underground disposal of water and other oil field waste fluids and the underground storage of liquid hydrocarbons.  
20 AAC 25.265 is proposed to be amended to modify existing requirements for automatic shut-in equipment.  
20 AAC 25.270 is proposed to be amended to change the time when initial reservoir pressure must be determined.  
20 AAC 25.275 is proposed as a new section. It establishes requirements for sampling and reporting the properties of reservoir fluids.  
20 AAC 25.280 is proposed as a new section. It establishes requirements for approval to enter and conduct operations in a productive or infection well.  
20 AAC 25.285 is proposed as a new section. It governs blowout prevention equipment for workover operations.  
20 AAC 25.300, Request for Additional Information, is proposed to be amended to make clear that the commission may request additional information to enable the commission to protect correlative rights. It also extends coverage of this section to infection operations.  
20 AAC 25.310, is proposed to be amended to limit existing requirements for books and records.  
20 AAC 25.320 is proposed to be amended to change the titles of existing required forms which are being revised and to add new forms.  
20 AAC 25.402 is proposed as a new section. It regulates enhanced recovery operations involving the introduction of outside energy into an oil or gas pool by injection for certain purposes.  
20 AAC 25.412 is proposed as a new section. It establishes standards for the casing, cementing, and tubing of Class II underground injection wells.  
20 AAC 25.430, Records and Reports, is proposed to be amended to modify requirements for the keeping of records for enhanced recovery operations.  
20 AAC 25.432 is proposed as a new section. It requires the submission of reports of subsurface injection operations.  
20 AAC 25.440 is proposed as a new section. It provides for the exemption of certain acquirers from the standards established by the Alaska underground injection control program.  
20 AAC 25.450 is proposed as a new section. It provides for the issuance of variances from the generalized standards established for underground injection wells.  
20 AAC 25.460 is proposed as a new section. It governs the issuance of permits for the underground injection of fluids on an area basis, rather than on an individual well basis.  
20 AAC 25.505 is proposed to be amended to clarify the scope of the commission's regulations.  
20 AAC 25.507 is proposed as a new section. It requires notice of proposed changes in any program approved by the commission.  
20 AAC 25.510 is proposed to be amended to update the commission's address.  
20 AAC 25.515, U.S. Government Leases, is proposed to be amended to clarify the applicability of the regulations of the commission to Class II well operations on federal land.  
20 AAC 25.517 is proposed as a new section. It provides for the submission of a plan of development and operation to the commission and requires pool interests interrelation before regular production.  
20 AAC 25.520 is proposed to be amended to clarify the procedures for the classification of fields and pools.  
20 AAC 25.525 is proposed to be amended to incorporate editorial changes only.  
20 AAC 25.526, Fire Hazards, is proposed to be amended to require that oil and gas operations be conducted in a workmanlike manner and to extend the coverage of fire standards.  
20 AAC 25.528 is proposed as a new section. It prohibits the storage of oil in open pits.  
20 AAC 25.530 is proposed to be amended to extend the scope of cooperative arrangements to include activities relating to underground fluid injection.  
20 AAC 25.534 is proposed as a new section. It requires additional tests, surveys, and remedial measures under certain circumstances.  
20 AAC 25.536, Geologic Data and Logs, is proposed to be amended to expand and clarify the submission requirements applicable to completed, suspended, and abandoned wells.  
20 AAC 25.537, Public and Confidential Well Information, is proposed to be amended to implement AS 31.05.170(13), defining regular production; to specify that injection data and reports are public information; and add a new subsection on the sharing of underground injection well information with the U.S. Environmental Protection Agency.  
20 AAC 25.540 is proposed to be amended to modify and clarify existing hearing procedures.  
20 AAC 25.557, Subpoenas, is proposed to be amended to incorporate minor housekeeping changes.  
20 AAC 25.570, Definitions, is proposed to be repealed and readopted to modify the definitions of day, development well, drilling fluid, drilling unit, exploratory well, gas-oil ratio, abandoned well, abandonment operations, abnormally geo-pressured strata, actual drilling operations, API RP, BOPE, completed well, completion operations, fluid, freshwater, injection, property, spud date, suspended well, suspension operations, well abandonment, data, well completion data, and well suspension date; and to repeal the definition of condensate.  
(2) 20 AAC 25.045, Sealing Off Strata, is repealed.  
20 AAC 25.250, Disposal of Salt Water and Other Wastes, is repealed.  
20 AAC 25.255, Equitable Distribution of Production, is repealed.  
20 AAC 25.400, Application for Additional Recovery, is repealed.  
20 AAC 25.410, Infection Wells, is repealed.  
20 AAC 25.538, Naming of Fields and Pools, is repealed.  
20 AAC 25.555, Orders, is repealed.

Editorial changes are made throughout the regulations proposed for amendment. In addition, changes in sections 20, 22, 30, 105, 300, 430, 515, 526, 530, 537, and 570 and the addition of sections 22, 47, 252, 402, 412, 440, 450, 460, 507, 528 and 534 are proposed to enable the State of Alaska to obtain primary responsibility for the federal government for the regulation of Class II injection wells under S 1425 of the federal Safe Drinking Water Act. Class II injection wells are enhanced recovery of crude oil and natural gas, and storage of hydrocarbons which are liquid at standard temperature and pressure.

Notice is also given that the commission, under AS 31.05.030(h), is submitting an application to the U.S. EPA to obtain primary enforcement responsibility for the control of Class II injection wells within the State of Alaska, as described above.

Any person interested may present oral or written statements or argument relevant to the proposed action at a hearing to be held in the Municipal Assembly Chambers, 3500 Tudor Road, Anchorage, Alaska at 9 o'clock a.m., on August 7, 1985. In addition, written statements or arguments may be sent to the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, to be received no later than the close of business on August 7, 1985.

The proposed changes in the Commission's regulations are not expected to require an increased appropriation.

Copies of the proposed regulations may be obtained from the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501-3192, phone (907) 279-1433. A copy of the Commission's application for primary for Class II injection wells may be inspected at the above address.

The Alaska Oil and Gas Conservation Commission, upon its own motion or at the instance of any interested person, may at the hearing or after it adopt proposals within the scope of the notice without further notice or may decide to take no action on them.

Harry W. Kugler, Commissioner  
Alaska Oil and Gas Conservation Commission

#1

# Notice of Public Hearing

## STATE OF ALASKA Alaska Oil and Gas Conservation Commission

Conservation File No. 158

Re: The adoption of new and amended regulations as provided for in the Alaska Statutes, Title 31, Chapter 05, Article 1, Section 31.05.030(c).

Notice is hereby given that the Alaska Oil and Gas Conservation Commission has found it necessary to add to, delete from and amend the regulations contained in Title 11, Alaska Administrative Code, Chapter 22.

A brief summary of the proposed regulations is as follows:

1. 11 AAC 22.005 - Permit to drill or deepen.  
Provides for application for a permit to drill under specific circumstances and the procedures an operator must follow in order to obtain the permit to drill.
2. 11 AAC 22.010 - Re-entry.  
Provides for procedures an operator must follow when re-entering a previously drilled hole.
3. 11 AAC 22.015 - Changes to drilling permit.  
Sets out the procedures an operator must follow when requesting a change in a drilling permit.
4. 11 AAC 22.020 - Change of operator.  
Sets out the procedures an operator must follow when he wishes to relinquish his role as an operator and when a substitute operator wishes to be designated.
5. 11 AAC 22.025 - Bonding  
Sets out the procedures one must follow in obtaining a bond to cover operations and the amount of coverage required.
6. 11 AAC 22.026 - Claims  
Sets out a presumption of proper abandonment when the commission approves the abandonment of a well and the release of a bond, but does not relieve an operator of further claim by the commission.
7. 11 AAC 22.030 - Casing and cementing.  
Requires a complete casing and cementing program to be submitted on the permit to drill or deepen form and the design criteria which must be utilized.
8. 11 AAC 22.035 - Blowout prevention equipment.  
Provides for general procedures to be followed when designing and installing blowout prevention equipment.
9. 11 AAC 22.040 - Well identification.  
Sets out the procedures in identifying individual wells, leases or units.
10. 11 AAC 22.045 - Sealing off strata.  
Sets out the requirements imposed upon operators to seal off strata.
11. 11 AAC 22.050 - Deviation.  
Sets out the procedures to be followed when a well is not to be intentionally deviated and those procedures which must be followed when the well is intentionally deviated.

12. 11 AAC 22.055 - Well spacing.  
Sets out the spacing requirements in the absence of a conservation order.
13. 11 AAC 22.060 - Wellsite surveys.  
Requires operators in offshore areas to file wellsite surveys under certain circumstances where the geologic hazards so justify.
14. 11 AAC 22.065 - Hydrogen sulfide.  
Sets out the procedures which operators must meet during exploratory drilling operations.
15. 11 AAC 22.070 - Records and reports.  
Sets out those reports and records which an operator must keep for each drilling well.
16. 11 AAC 22.075 - Other wells in designated areas.  
Sets out the circumstances and the procedures which the commission will follow when designating areas where oil, gas or other hazardous substances might be expected at shallow depths.
17. 11 AAC 22.015 - Plugging and abandonment requirements  
and notices.  
Sets out the procedures which must be followed with regard to plugging and abandoning wells.
18. 11 AAC 22.120 - Well abandonment marker.  
Sets out the procedures to be followed and requirements to be met with regard to abandoned well markers.
19. 11 AAC 22.140 - Water wells.  
Provides an exception for abandoning wells which are drilled for oil or gas and are to be plugged and abandoned but which may safely be used as a fresh water well.
20. 11 AAC 22.170 - Location cleanup.  
Sets out the requirements to be followed within one year of suspension or abandonment of an onshore well insofar as cleanup is concerned.
21. 11 AAC 22.200 - Surface equipment.  
Sets out the requirements for surface equipment utilized in producing operations.
22. 11 AAC 22.205 - Notification of accidental loss of oil or gas.  
Sets out the requirements to be met and the procedures to be followed when there is an accidental loss of oil or gas from drilling and producing operations in the state.
23. 11 AAC 22.210 - Multiple completions of wells.  
Requires an operator to obtain approval from the commission in order to allow a well to be completed in more than one pool.
24. 11 AAC 22.215 - Commingling of production.  
Sets out the rules to be followed with regard to commingling of production.
25. 11 AAC 22.225 - Capacity of gas wells.  
Requires all gas wells to be tested by the multipoint back pressure method upon completion or at a time requested by the operator.
26. 11 AAC 22.230 - Production measurement.  
Requires all production from wells to be measured and sets out the standards to be utilized.

27. 11 AAC 22.235 - Gas utilization.  
Sets out those instances when gas from a well may be used in a lease or unit operation and those circumstances where gas may not be used or allowed to escape without prior commission approval.
28. 11 AAC 22.240 - Gas-Oil ratios.  
Sets out the limitation for all oil wells in the state with regard to the gas-oil ratio and those instances when the commission may grant exceptions.
29. 11 AAC 22.245 - Common production facilities.  
Provides for the use of common facilities to receive the production from any number of wells under certain circumstances.
30. 11 AAC 22.250 - Disposal of salt water and other wastes.  
Sets out the procedures and the circumstances when disposal of salt water and other wastes will be allowed by injection into a producible formation.
31. 11 AAC 22.255 - Equitable distribution of production.  
Sets out the procedures which will be utilized when the commission limits the quantity or rate of production of oil or gas that may be produced from a pool and allows for production tests of wells to be witnessed by operators when correlative rights are involved.
32. 11 AAC 22.260 - Illegal production.  
Prohibits the production or transportation of any crude oil or natural gas except when same has been produced in accordance with the rules, regulations and orders of the Alaska Oil & Gas Conservation Commission.
33. 11 AAC 22.265 - Automatic shut-in equipment.  
Sets out the requirements for automatic surface and subsurface safety valves for wells with an offshore surface location which are capable of unassisted flow. Allows the commission to require these valves on other wells in other areas.
34. 11 AAC 22.270 - Bottomhole pressures.  
Requires the operator to make a test to determine the bottomhole pressure in a discovery well in any field or pool.
35. 11 AAC 22.300 - Request for additional information.  
Allows the Alaska Oil & Gas Conservation Commission to request additional information it deems necessary in order to prevent waste and the conservation of the natural resources of Alaska.
36. 11 AAC 22.310 - Books and records.  
Requires all operators, producers, transporters, storers and handlers of crude oil and natural gas within Alaska to make and keep in Alaska books and records covering their operations.
37. 11 AAC 22.320 - Forms to be used. Sets out the names, numbers and frequency of utilization for all forms handled by the Alaska Oil & Gas Conservation Commission.
38. 11 AAC 22.400 - Application for additional recovery.  
Provides for procedures whereby any operator may propose to gain additional recovery by utilizing methods other than those used for primary recovery.

39. 11 AAC 22.410 - Injection wells.  
Sets out the requirements for wells used for injection of gas, air, water or other extraneous fluids into the producing reservoir.
40. 11 AAC 22.430 - Records and reports.  
Requires each operator to file and keep accurate reports showing volume of fluids produced, injected volumes, reservoir pressure and injection pressures.
41. 11 AAC 22.505 - Scope of regulations.  
Notifies the public that the regulations adopted by the commission are general rules of statewide application and states that the commission may, however, adopt special rules applicable to particular areas.
42. 11 AAC 22.510 - Commission office, hours and seal.  
Sets out the address, hours and seal of the commission.
43. 11 AAC 22.515 - U.S. Government leases.  
Requires all persons drilling on United States Government leases to comply with all applicable state regulations which are not in conflict with the United States regulations.
44. 11 AAC 22.520 - Field and pool regulations and classification.  
Sets out the procedures whereby an operator may obtain from the commission an order classifying a pool as an oil or gas pool in a field and prescribing rules for the development of the pool.
45. 11 AAC 22.525 - Forms upon request.  
States that the commission shall furnish all forms upon request.
46. 11 AAC 22.526 - Fire hazard.  
Sets out the requirement that each well location be maintained in such a manner so as to prevent fires.
47. 11 AAC 22.530 - Cooperation with other parties.  
Allows the commission to enter into agreements with Alaska and Federal Government agencies, industry committees and individuals with respect to special projects, services and studies relating to the conservation of oil and gas.
48. 11 AAC 22.536 - Geologic data and logs.  
Sets out the requirements for operators to log portions of hole below the conductor pipe and the material which is required to be filed with the commission.
49. 11 AAC 22.537 - Public and confidential well information.  
Sets out the information which will be made available to the public on a routine basis, allows for information to be filed and receive a confidential status and sets out the procedures whereby the commissioner of the Department of Natural Resources can keep certain information confidential beyond the mandatory twenty-four (24) month confidential period.
50. 11 AAC 22.538 - Naming of fields and pools.  
Sets out the procedures which must be followed for the naming of a new field or pool.
51. 11 AAC 22.540 - Hearings.  
Sets out the procedures the commission will utilize when conducting a hearing.



52. 11 AAC 22.545 - Public mailing list.  
Requires the commission to maintain a mailing list for sending appropriate notices, orders and publications to persons who request to be placed on said list.
53. 11 AAC 22.550 - Oaths.  
Gives any member of the commission the power to administer oaths.
54. 11 AAC 22.555 - Orders.  
Sets out the procedure for issuing orders and emergency orders.
55. 11 AAC 22.557 - Subpoenas.  
Sets out the procedures to be followed when the commission determines it is necessary to issue a subpoena or subpoena duces tecum.
56. 11 AAC 22.570 - Definitions.  
Sets out the definitions to be utilized (unless the context clearly requires otherwise) with regard to barrel, blowout preventer, bottom hole pressure, commission, condensate, correlative rights, cubic foot of natural gas, day, development well, drilling fluid, drilling unit, exploratory well, field, gas, gas-oil ratio, gas well, multiple completion, oil, oil well, operator, owner, person, pool, potential, producer, reservoir, service well, standard conditions, stratigraphic test, and waste.

A draft copy of the proposed regulations can be obtained at the office of the Alaska Oil and Gas Conservation Commission, 3001 Porcupine Drive, Anchorage, Alaska 99501.

A public hearing will take place at 9:00 AM, August 24, 1979 in Room 402, Bonney Court Building, Anchorage, Alaska. Oral and written testimony will be taken and the record of the hearing will be kept open until 4:30 PM, August, 31, 1979.

*Harry W. Kugler*

Harry W. Kugler  
Commissioner  
Alaska Oil and Gas Conservation  
Commission